CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

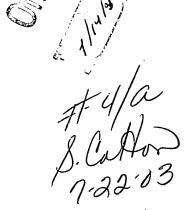
• At time of the Action: Claims 1-40.

• After this Response: Claims 1-40.

Canceled or Withdrawn claims: none.

Amended claims: 13-18, and 31.

New claims: none.



Claims:

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1. (Original) A method for controlling access to storage loci in a common configuration data structure, the method comprising:

receiving an attempt to access a first storage locus in the common configuration data structure from a program module;

determining whether to direct such attempt to at least a second locus in the common configuration data structure with the program module unaware that it is accessing the second locus.

 (Original) A method as recited in claim 1 further comprising directing such attempt to at least the second locus, the program module being unaware that it is accessing the second locus.

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3. (Original) A method as recited in claim 1 further comprising determining whether to direct such attempt to at least a third locus in the common configuration data structure with the program module is unaware that it is accessing the third locus.

- 4. (Original) A method as recited in claim 1 further comprising examining a loci-redirection table, wherein the determining is based, at least in part, upon information in the table.
- 5. (Original) A method as recited in claim 1, wherein the program module is an application.
 - 6. (Original) A method as recited in claim 1, wherein:

the first storage locus is reserved for configuration information ("configinfo") for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

- 7. (Original) A method as recited in claim 1, wherein the common configuration data structure is a registry.
- 8. (Original) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 1.

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9. (Original) A method for controlling access to storage loci in a common configuration data structure, the method comprising:

receiving an attempt to access a first storage locus in the common configuration data structure from a program module;

directing such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus.

- 10. (Original) A method as recited in claim 9 further comprising directing such attempt to at least a third locus in the common configuration data structure, the program module being unaware that it is accessing the third locus.
- 11. (Original) A computer-readable medium having computerexecutable instructions that, when executed by a computer, performs the method as recited in claim 9.
- 12. (Original) A method for directing an access to a storage locus in a common configuration data structure, the method comprising:

intercepting an attempt by a program module to access configuration information ("config-info") of the program module at a first storage locus in the common configuration data structure;

determining whether to redirect such attempt to at least a second locus in the common configuration data structure with the program module unaware that it is accessing its config-info at the second locus.

Serial No.: 09/665,214 Atty Docket No.: MS1-571us RESPONSE TO OFFICE ACTION DATED MAY 23,

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(Currently Amended) A method as recited in claim 11 12, further 13. comprising redirecting such attempt to at least the second locus, the program module being unaware that it is accessing its config-info at the second locus.

- (Currently Amended) A method as recited in claim 11 12. further 14. comprising examining a loci-redirection table, wherein the determining is based, at least in part, upon information in the table.
- 15. (Currently Amended) A method as recited in claim 11 12, wherein the program module is an application.
- 16. (Currently Amended) A method as recited in claim 11 12, wherein: the first storage locus is reserved for configuration information ("configinfo") for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

- 17. (Currently Amended) A method as recited in claim 44 12, wherein the common configuration data structure is a registry.
- 18. (Currently Amended) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 11 12.

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Serial No.: 09/665,214 Atty Docket No.: M\$1-571us RESPONSE TO OFFICE ACTION DATED MAY 23.

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19. (Original) A method for directing an access to a storage locus in a common configuration data structure, the method comprising:

intercepting an attempt by a program module to access configuration information ("config-info") of the program module at a first storage locus in the common configuration data structure;

redirecting such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing its config-info at the second locus.

- 20. (Original) A method as recited in claim 19 further comprising redirecting such attempt to at least a third locus in the common configuration data structure, the program module being unaware that it is accessing the third locus.
- 21. (Original) A method for replicating data in storage loci of a common configuration data structure of multiple storage loci, the method comprising:

searching multiple storage loci of the common configuration data structure for modified data;

finding modified data in a first storage locus;

copying selected modified data from the first storage locus to at least a second storage locus.

22. (Original) A method as recited in claim 21 further comprising copying selected modified data from the first storage locus to at least a third storage locus.

Serial No.: 09/665,214 Atty Docket No.: MS1-571us RESPONSE TO OFFICE ACTION DATED MAY 23, 2003

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23. (Original) A method as recited in claim 21, wherein only storage loci listed in a loci-redirection table are searched during the searching.

24. (Original) A method comprising:

obtaining a triggering event that signals that a method as recited in claim 21 be initiated:

initiating such method as recited in claim 21.

25. (Original) A method as recited in claim 24 further comprising sending a triggering event when data in the common configuration data structure is altered.

26. (Original) A method as recited in claim 21, wherein:

the first storage locus is reserved for configuration information ("configinfo") for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

- 27. (Original) A method as recited in claim 21, wherein the common configuration data structure is a registry.
- 28. (Original) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 21.

Serial No.: 09/665,214 Atty Docket No.: MS1-571us ESPONSE TO OFFICE ACTION DATED MAY 23, 2003

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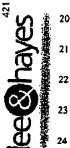
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(Original) A method of access redirection and entry reflection, the method comprising:

controlling access to storage loci in a common configuration data structure of multiple storage loci, the controlling comprising:

- receiving an attempt to access a first storage locus in the common configuration data structure from a program module;
- directing such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus;

replicating modified data in storage loci, the replicating comprising:

- searching multiple storage loci for modified data;
- finding modified data in at least one storage locus;
- copying selected modified data from the storage locus to at least another storage locus.
- 30. (Original) computer-readable medium having computer-Α executable instructions that, when executed by a computer, perform a method for replicating data in storage loci of a common configuration data structure of multiple storage loci, the method comprising:

searching multiple storage loci of the common configuration data structure for modified data;

finding modified data in a first storage locus;

copying selected data from the first storage locus to at least a second storage locus.

Serial No.: 09/665,214 Atty Docket No.: MS1-571us RESPONSE TO OFFICE ACTION DATED MAY 23,

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31. (Currently Amended) An apparatus comprising:

a processor;

an access-redirector executable on the processor to:

receive an attempt to access a first storage locus in a common configuration data structure from a program module;

redirect such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus.

32. (Original) An apparatus comprising:

a processor;

a entry-reflector executable on the processor to:

search multiple storage loci of a common configuration data structure for modified data;

find modified data in a first storage locus;

copy selected data from the first storage locus to at least a second storage locus.

33. (Original) An operating system comprising:

a common configuration data structure containing storage loci for storing configuration information ("config-info");

a loci-access redirector comprising:

receiver for receiving an attempt to access a first storage locus in the common configuration data structure from a program module;

Serial No.: 09/665,214 Atty Docket No.: MS1-571us RESPONSE TO OFFICE ACTION DATED MAY 23, 2003

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director for directing such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus.

- 34. (Original) An operating system as recited in claim 33, wherein the program module is an application.
- 35. (Original) An operating system as recited in claim 33, wherein:
 the first storage locus is reserved for config-info for a first version of a
 program module;

the second storage locus is reserved for config-info for a second version of the program module.

- 36. (Original) An operating system as recited in claim 33, wherein the common configuration data structure is a registry.
 - 37. (Original) An operating system comprising:
- a common configuration data structure containing storage loci for storing configuration information ("config-info");
 - a loci-entry reflector comprising:

searcher for searching multiple storage loci of the common configuration data structure for modified data and for finding modified data in a first storage locus;

replicator for copying selected data from the first storage locus to at least a second storage locus.

Serial No.: 09/665,214
Atty Docket No.: MS1-571us
RESPONSE TO OFFICE ACTION DATED MAY 23
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38. (Original) An operating system as recited in claim 37, wherein:

the first storage locus is reserved for config-info for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

- 39. (Original) A computer-readable medium having a common configuration data structure data structure, comprising;
- a first storage locus containing configuration information ("config-info") for a first version of a program module;
- a second storage locus containing config-info for a second version of the program module.
- 40. (Original) A computer-readable medium as recited in claim 39 further comprising a third storage locus containing a table that relates the first storage locus to the second storage locus.